LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011716\
Data File : BF084534.D
Acq On : 17 Jan 2016 14:21
Operator : SJ/UM
Sample : H1143-02 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-7-20160114

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.304	192	194	198	rVB	27268	35839	1.21%	0.106%
2	4.967	249	252	261	rVB	821184	949005	31.91%	2.808%
3	5.401	288	290	292	rBV	1398364	1305215	43.89%	3.862%
4	5.801	323	325	327	rVB	43177	46552	1.57%	0.138%
5	6.441	379	381	383	rBV	1763437	1432588	48.18%	4.239%
6	6.567	390	392	395	rBV	1464044	1355196	45.58%	4.010%
7	6.807	410	413	415	rBV	1943306	1951855	65.64%	5.775%
8	6.956	424	426	429	rVB	1041621	976390	32.84%	2.889%
9	7.367	459	462	464	rBV	1089156	901677	30.32%	2.668%
10	8.087	523	525	528	rBV	2231347	2473146	83.17%	7.317%
11	9.173	617	620	622	rBV	969858	1275287	42.89%	3.773%
12	9.562	652	654	656	rVB	117195	110272	3.71%	0.326%
13	9.699	665	666	668	rBV	41567	57207	1.92%	0.169%
14	9.779	668	673	676	rBV2	42502	69227	2.33%	0.205%
15	9.848	676	679	681	rBV	2986451	2764869	92.98%	8.180%
16	10.042	695	696	698	rVB2	26809	33356	1.12%	0.099%
17	10.282	715	717	719	rVB	68220	59060	1.99%	0.175%
18	10.385	725	726	729	rVB	48655	52690	1.77%	0.156%
19	10.499	733	736	739	rVV3	23816	44262	1.49%	0.131%
20	10.625	745	747	750	rBV2	742951	800621	26.92%	2.369%
21	10.750	756	758	762	rVB	63065	84556	2.84%	0.250%
22	10.945	772	775	776	rBV3	15606	32762	1.10%	0.097%
23	11.082	783	787	789	rBV5	16993	39758	1.34%	0.118%
24	11.128	789	791	793	rVB	29796	34021	1.14%	0.101%
25	11.219	793	799	803	rBV3	41305	127412	4.28%	0.377%
26	11.322	806	808	812	rBV	1873866	2973551	100.00%	8.798%
27	11.402	812	815	816	rVB	156966	151044	5.08%	0.447%
28	11.562	825	829	830	rBV2	43963	59263	1.99%	0.175%
29	11.631	833	835	836	rVV	27968	31380	1.06%	0.093%
30	11.653	836	837	840	rVB	24200	32623	1.10%	0.097%
31	11.733	840	844	847	rVB4	12587	34829	1.17%	0.103%
32	11.825	850	852	853	rBV	109671	100402	3.38%	0.297%
33	11.859	853	855	857	rVB	113998	119063	4.00%	0.352%
34	11.905	857	859	860	rBV2	50059	58752	1.98%	0.174%

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Misc :
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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.939	860	862	867	rVB2	166690	245076	8.24%	0.725%
36	12.042	867	871	874	rBV2	52848	111515	3.75%	0.330%
37	12.122	874	878	879	rBV2	84706	98559	3.31%	0.292%
38	12.271	889	891	893	rBV	32444	34010	1.14%	0.101%
39	12.328	893	896	898	rVB3	34150	50513	1.70%	0.149%
40	12.373	898	900	902	rBV	78565	102092	3.43%	0.302%
41	12.408	902	903	906	rVV2	37571	72844	2.45%	0.216%
42	12.453	906	907	912	rVB2	43184	62551	2.10%	0.185%
43	12.534	912	914	916	rBV	998801	904482	30.42%	2.676%
44	12.602	916	920	921	rBV3	24570	54931	1.85%	0.163%
45	12.625	921	922	924	rVB	32827	40902	1.38%	0.121%
46	12.682	924	927	930	rBV4	41784	119392	4.02%	0.353%
47	12.739	930	932	936	rBV2	936699	1748171	58.79%	5.172%
48	12.819	936	939	941	rVB4	159328	200200	6.73%	0.592%
49	12.911	945	947	949	rVB	1198599	1020561	34.32%	3.020%
50	12.979	951	953	957	rBV3	63524	140182	4.71%	0.415%
51	13.094	958	963	965	rVB	94328	175446	5.90%	0.519%
52	13.151	965	968	970	rBV2	82489	135177	4.55%	0.400%
53	13.196	970	972	973	rBV	100433	109181	3.67%	0.323%
54	13.288	978	980	981	rVB	55849	45430	1.53%	0.134%
55	13.322	981	983	985	rBV2	38703	52513	1.77%	0.155%
56	13.391	988	989	992	rBV3	25223	30805	1.04%	0.091%
57	13.448	992	994	996	rBV	682689	608028	20.45%	1.799%
58	13.494	996	998	999	rBV	95082	77405	2.60%	0.229%
59	13.596	1005	1007	1011	rBV	79080	101511	3.41%	0.300%
60	13.711	1014	1017	1018	rBV2	69328	96906	3.26%	0.287%
61	13.825	1024	1027	1030	rVB3	91391	195970	6.59%	0.580%
62	13.962	1036	1039	1040	rBV2	2066384	2240704	75.35%	6.630%
63	14.065	1046	1048	1049	rBV	43592	31990	1.08%	0.095%
64	14.099	1049	1051	1052	rVV2	29468	36347	1.22%	0.108%
65	14.134	1052	1054	1060	rVB3	99906	185436	6.24%	0.549%
66	14.351	1071	1073	1074	rVB	49615	57863	1.95%	0.171%
67	14.442	1079	1081	1082	rVB2	95495	81605	2.74%	0.241%
68	14.739	1105	1107	1111	rVB2	104440	119574	4.02%	0.354%
69	14.968	1125	1127	1132	rBV	325123	622959	20.95%	1.843%
70	15.059	1132	1135	1138	rVB3	93558	189003	6.36%	0.559%
71	15.254	1150	1152	1155	rVB	206436	256545	8.63%	0.759%

LSC Area Percent Report

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Acq On : 17 Jan 2016 14:21
Operator : SJ/UM
Sample : H1143-02 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-7-20160114

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.311	1155	1157	1160	rBV	277450	326437	10.98%	0.966%
73	15.380	1160	1163	1164	rBV	964683	1513669	50.90%	4.478%
74	15.402	1164	1165	1168	rVB3	148357	222778	7.49%	0.659%
75	15.814	1199	1201	1204	rBV	84180	125421	4.22%	0.371%
76	16.282	1240	1242	1245	rVB	70191	107554	3.62%	0.318%
77	16.728	1279	1281	1285	rVB2	110431	206699	6.95%	0.612%
78	16.831	1288	1290	1293	rVV	48434	75376	2.53%	0.223%
79	17.140	1314	1317	1322	rBV	99803	190911	6.42%	0.565%

Sum of corrected areas: 33798954

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011716\
Data File : BF084534.D
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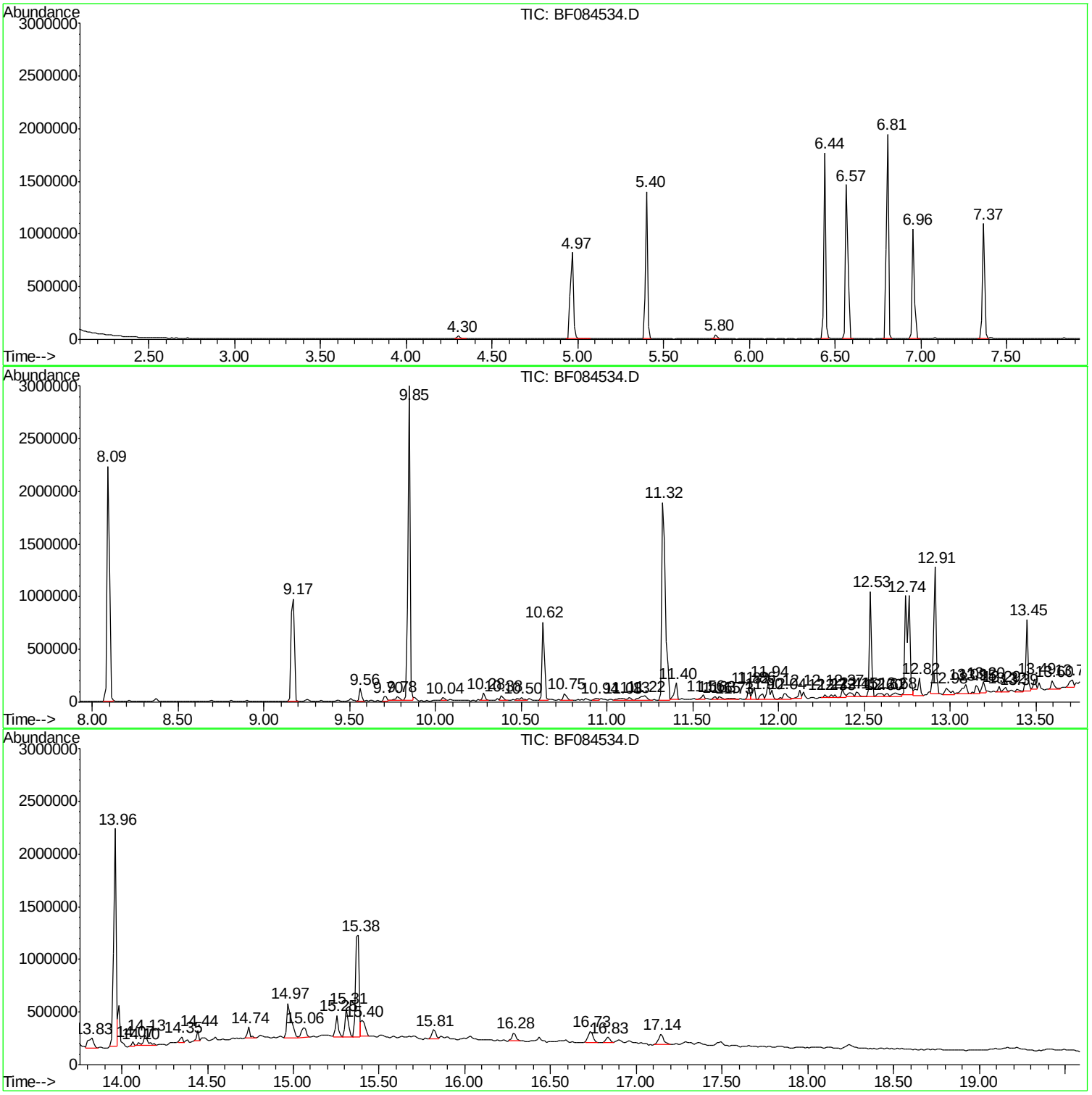
Operator : SJ/UM
Sample : H1143-02 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POST-EX-7-20160114

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011716\
Data File : BF084534.D
Acq On : 17 Jan 2016 14:21
Operator : SJ/UM
Sample : H1143-02 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-7-20160114

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

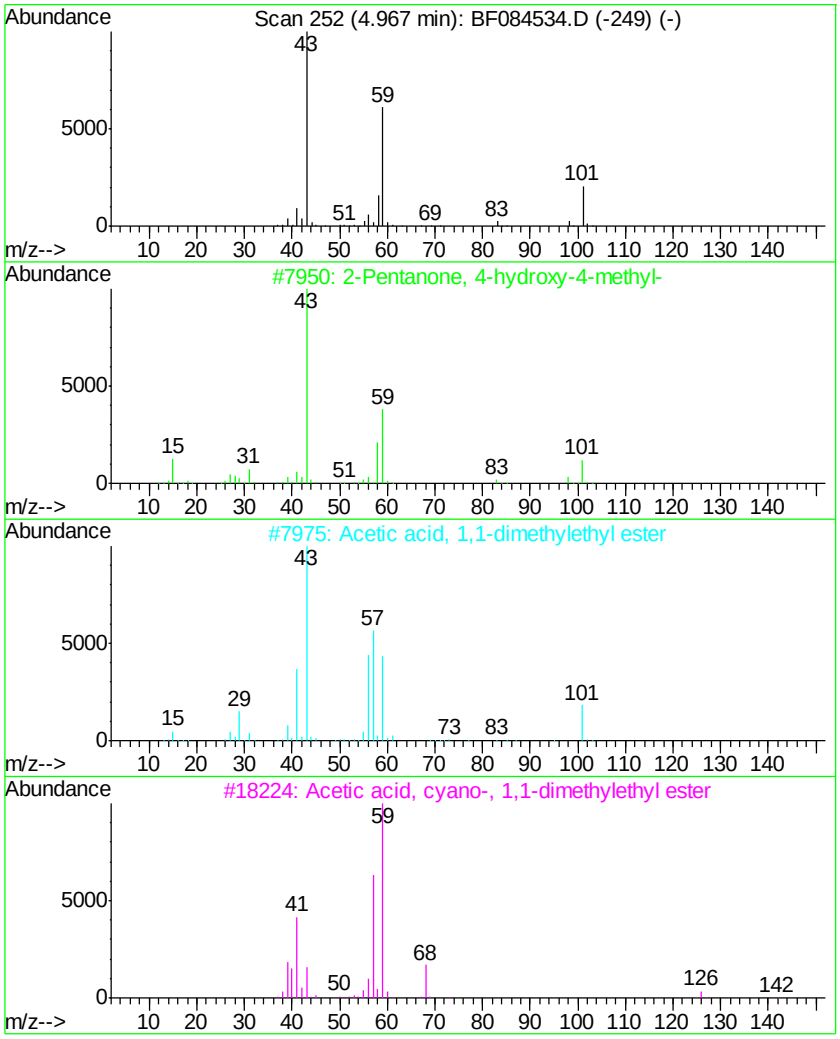
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

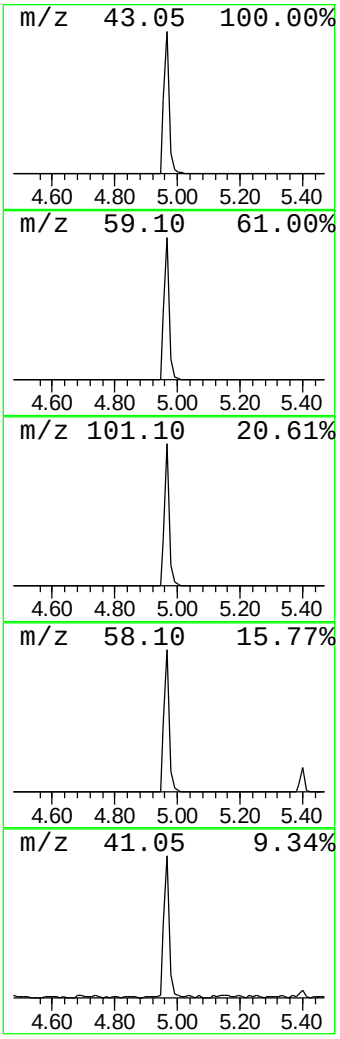
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	9.72 ng	949005	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

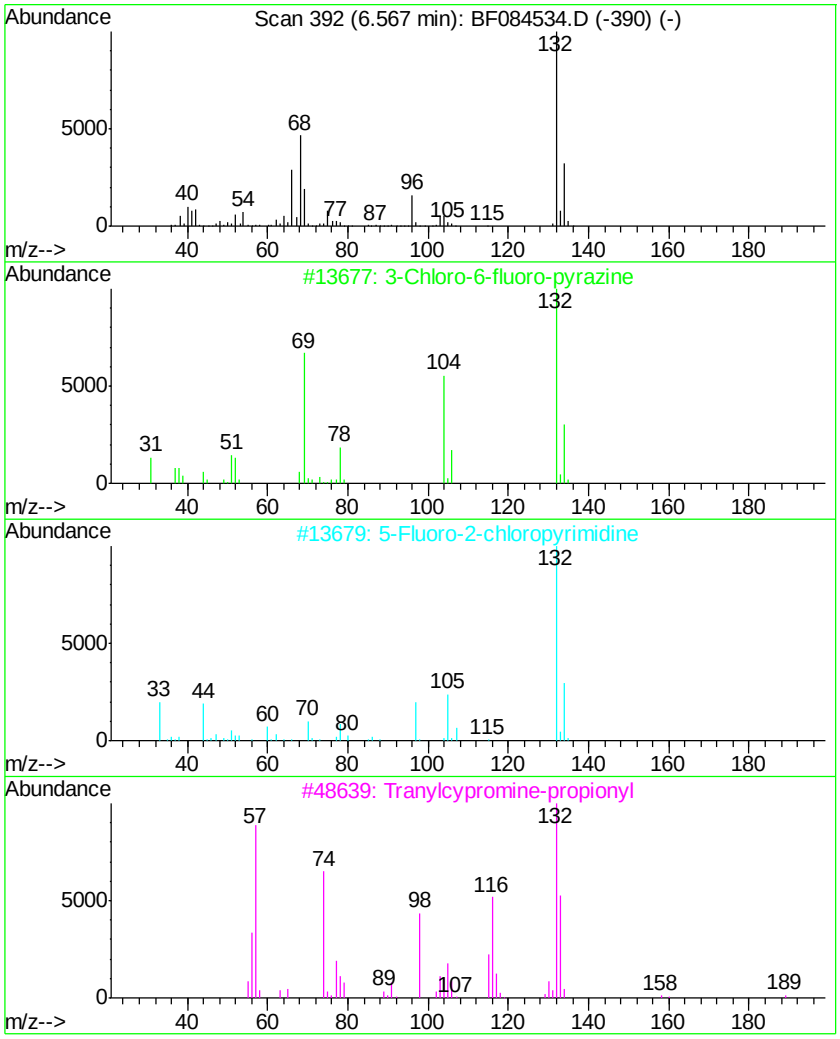
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

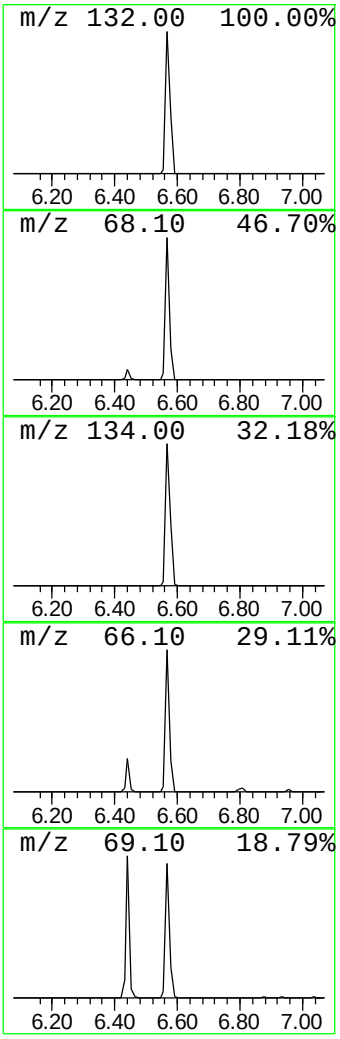
****

Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	13.89 ng	1355200	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	5-Aminoindole	132	C8H8N2	005192-03-0	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011716\
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Sample : H1143-02 5X
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Instrument : BNA_F
ClientSampleId : POST-EX-7-20160114

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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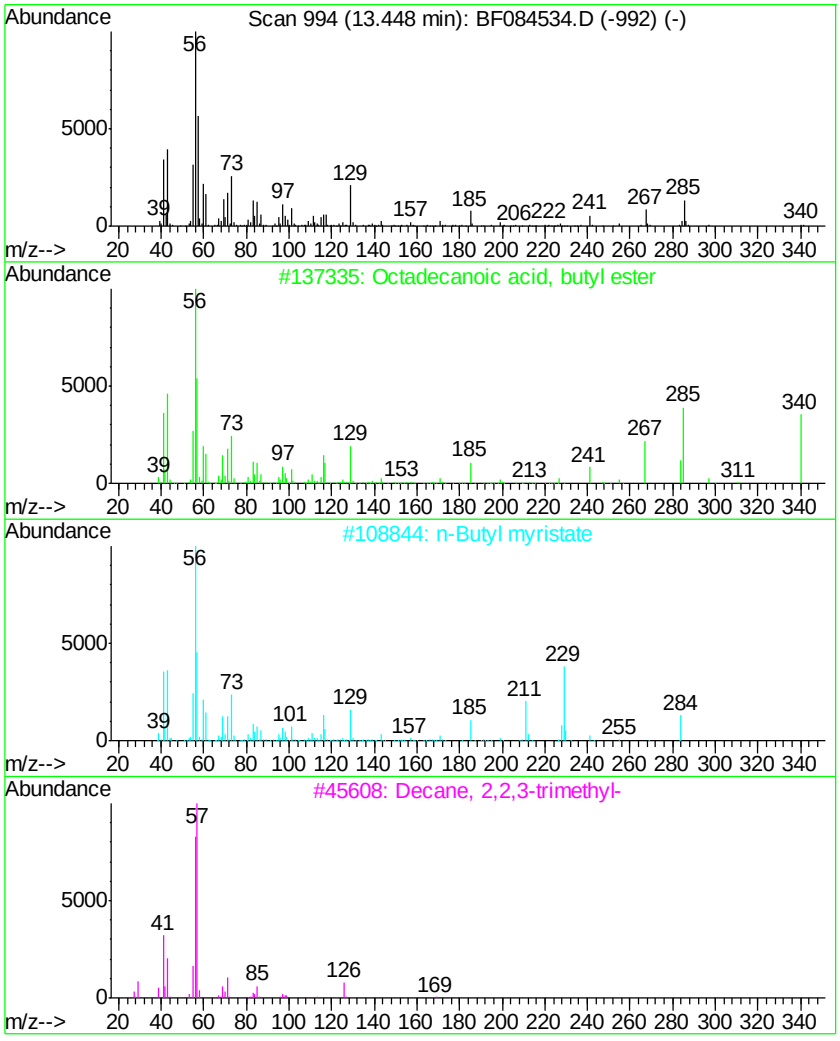
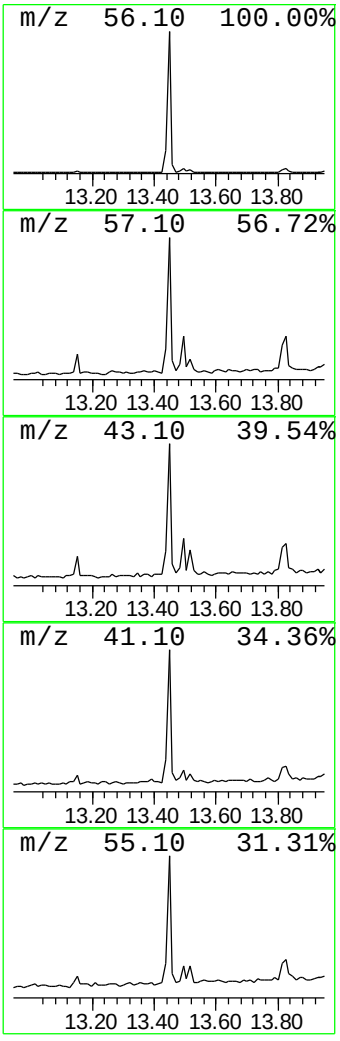
Peak Number 4 Octadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	5.43 ng	608028	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	95
2	n-Butyl myristate	284	C18H36O2	000110-36-1	72
3	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	38
4	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	37
5	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	32





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Operator : SJ/UM
Sample : H1143-02 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-7-20160114

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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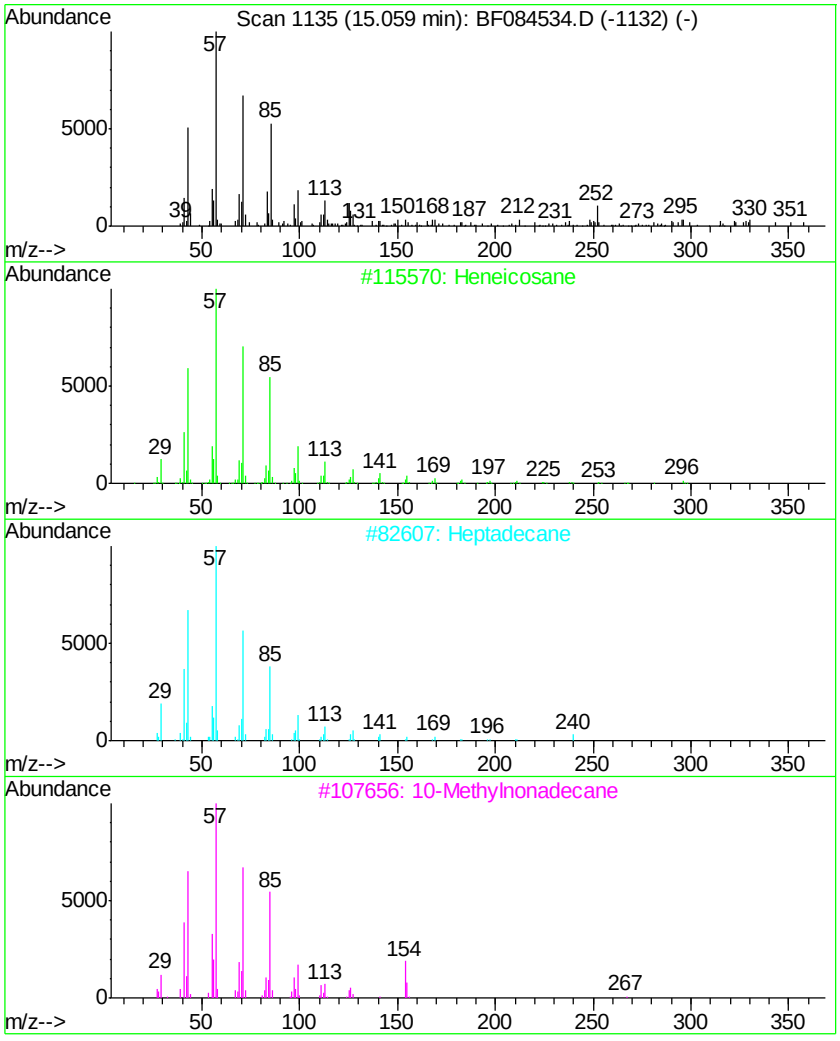
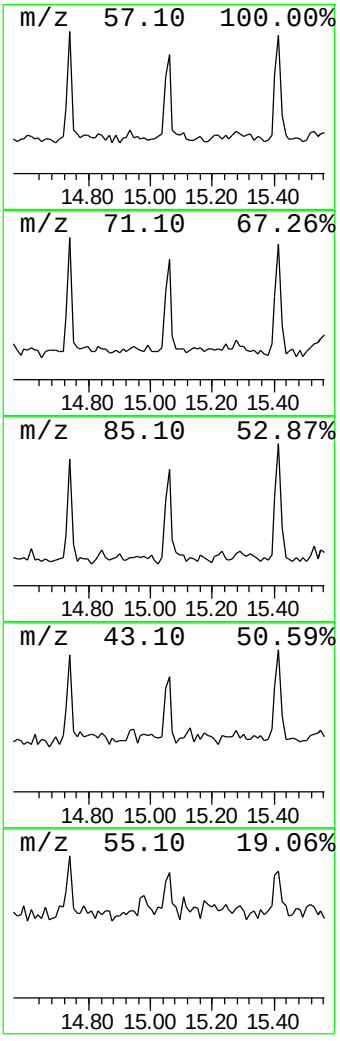
Peak Number 5 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	2.50 ng	189003	Perylene-d12	15.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Heptadecane	240	C17H36	000629-78-7	89
3	10-Methylnonadecane	282	C20H42	056862-62-5	80
4	Tetratetracontane	619	C44H90	007098-22-8	74
5	Eicosane	282	C20H42	000112-95-8	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011716\
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Misc :
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Instrument : BNA_F
ClientSampleId : POST-EX-7-20160114

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.97	9.7	ng	949005	1	6.81	1951860	20.0
unknown6.57	6.57	13.9	ng	1355200	1	6.81	1951860	20.0
Octadecanoic acid...	13.45	5.4	ng	608028	5	13.96	2240700	20.0
Heneicosane	15.06	2.5	ng	189003	6	15.38	1513670	20.0